

| Whynter FM-85G 85 Quart Portable Fridge/ Freezer Power Consumption Chart | | | | | | |
|---|---|-----------|---|-----------|---|-----------|
| Model: FM-85G | 77°F ambient temperature | | 90°F ambient temperature | | 109°F ambient temperature | |
| Running Voltage (V) | AC: 110V / 60Hz | DC:12/24V | AC: 110V / 60Hz | DC:12/24V | AC: 110V / 60Hz | DC:12/24V |
| Running Current (A) | AC :0.99/0.55 DC: 5.5/2.75 | | AC :0.99/0.55 DC: 5.5/2.75 | | AC :0.99/0.55 DC: 5.5/2.75 | |
| Running Power (W) | AC:75 DC:65 | | AC:75 DC:65 | | AC:75 DC:65 | |
| Lowest Temp. Inside | -7.6°F | | -7.6°F | | -0.4°F | |
| AC Power Consumption | 39.2°F refrigerator : 0.42kwh/24h 10.4°F freezer : 0.7kwh/24h -0.4°F freezer : 0.908kwh/24h | | 39.2°F refrigerator : 0.58kwh/24h 10.4°F freezer : 1.05kwh/24h -0.4°F freezer : 1.23kwh/24h | | 39.2°F refrigerator : 0.7kwh/24h 10.4°F freezer : 1.28kwh/24h -0.4°F freezer : 1.5kwh/24h | |
| DC Power Consumption | 39.2°F refrigerator : 25.8Ah 10.4°F freezer : 43.1Ah -0.4°F freezer : 55.9Ah | | 39.2°F refrigerator : 35.7Ah 10.4°F freezer : 64.6Ah -0.4°F freezer : 75.7Ah | | 39.2°F refrigerator : 43.1Ah 10.4°F freezer : 78.7Ah -0.4°F freezer : 92.3Ah | |
| Setting 39.2°F, pull-down time | 16h | | 21h | | 28h | |
| Suggested battery capacity (AH) | 12V/80Ah | | 12V/120Ah | | 12V/150Ah | |
| Battery using time (hrs) | 52.1h 31.1h 24.0h | | 56.4h 31.2h 26.6h | | 58.6h 32.0h 27.3h | |
| Solar Panel Power(W) | 150W | | 150W | | 150W | |
| Solar Panel charging Time (hrs) | 7h | | 7h | | 7h | |